Veerender Mothukuri
Cloud/DevOps Engineer

PROFILE

I am a qualified and professional DevOPs/Cloud Engineer with six years of experience in infrastructure provision, ci/cd setup, release management, and vulnerability management. Strong creative and analytical skills. Team player with an eye for detail.

CONTACT

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SKILLS

Cloud Technologies: AWS
IAC Tools: Terraform, CloudFormation.
CI/CD Tools: Jenkins, Drone, concourse.
Build Tools: ANT, Maven
Languages: JavaScript, Shell (bash), JSON, YAML, Groovy, Python, HCL.
Databases: MySQL, Postgres, SQL, Document DB/Mongo DB
Serverless: Lambda, Serverless framework.
Networking Protocols: TCP/IP, OSI, LAN, WAN, DHCP, VPC, DNS, VPN, STP, SNMP, VLAN, MPLS, UDP, SSH.
Containerization: Docker, ECS, Kubernetes.
Versions Control Tools: Git, Sub-versions.
CM Tools: Ansible.
Bug Tracking Tool: Jira, Rally
Operating Systems: Windows Packages, Linux/Unix, Mac OS

EXPERIENCE

DevOps Engineer   **Mar'2021– Present**
Comcast

- Providing to support different teams within the organization as a DevOps Engineer.
- Helping dev and QA teams to deploy and test the applications by setting up the concourse pipeline
- Provisioning infra using Terraform within the AWS, OpenStack, and Internal cloud environment.
- Diagnosed and resolved networking issues, ensuring seamless application connectivity, and conducted testing for optimal functionality.
- Conducted POC for migrating the legacy Java applications into Kubernetes Environment by creating Docker images and Kubernetes manifest files.
  Created Helm Charts for App and Nginx Deployment.
- Set up Nginx and Tomcat for application deployments and handled traffic proxying.
- Provided on-call support for different applications, assisting both on-shore and off-shore teams during high-severity incidents.
- Develop Ansible playbooks and roles to deploy both the application and agents responsible for security and monitoring onto OpenStack virtual machines.
- Set up a monitoring configuration for infrastructure environments such as Kubernetes and OpenStack VMs, employing Grafana, Prometheus, ELK, Splunk, and Jager.
- Created Python and shell scripts to automate tasks through both pipeline processes and manual script executions on the server.

EDUCATION

- Masters In Information Technology
  Colorado Technical University

PERSONAL SKILLS

- Communication
- Organization
- TeamPlayer
- Creativity
- Social

PORTFOLIO

https://veerender-mothukuri.com

EXPERIENCE

- Conducted POC on Datadog as a centralized monitoring solution for monitoring the Infrastructure and Application.
- Provisioned lambdas, ECS clusters, Redis, RDS, VPC, S3, x-ray, API gateway, NLB, EMR, Glue, Athena, Step Functions, etc.
- Involved in OPS reviewing meetings for providing SLAs, SLOs, RCAs, and Operational Metrics.

Cloud Engineer   **Apr'2018–Mar'2021**
CaptialOne

- provisioning and maintaining the application by deploying it to multi-regions in the AWS cloud using a blue-green strategy.
- Configuring traffic switch pipelines using 100% traffic switch and canary switch to the active and inactive stacks.
- Provisioned lambdas, ECS clusters, Elastic-cache (Redis), RDS, S3, ALBs, ASGs, route-53 records, Document DB, Cloud-watch Monitors, etc.
- Migrated infra from AWS ECS-EC2 Clusters to ECS Fargate clusters.
- Performed AMI rehydration, Regional Failover, and Data Resiliency exercises.
- Deployed GO and Java-based Microservices application into AWS ECS clusters using Jenkins Jobs
- PaaS service application that helps customers to provision their infrastructure in the cloud within no time using Terraform and CloudFormation templates.
- Worked on Terraform, CFTs, Jenkins, Drone, Docker, Kubernetes, Terraform Enterprise, GIT, Jforg Artifactory, AWS services, Fluentd, Splunk.
- Worked on the provision of infrastructure for Terraform Enterprise in multi-region. The deployments are region specific which deploys the infrastructure one region at a time.
- Written automation scripts using Python, Shell, and Groovy.
- Provided application support for 24x7 on-call rotation for different application teams on troubleshooting the issues and making them deploy the Infrastructure. Worked on high-priority Incidents.
- Wrote sentinel policies for Governance within the Terraform Enterprise.